

## **CROSS CONNECTION CONTROL PROGRAM**

### **WHAT IS A CROSS-CONNECTION?**

Any connection which permits non potable water to enter a water system. This is why irrigation systems have backflow preventers, in case the water system pressure is reduced by any malfunction, the possibly contaminated water standing on top of a sprinkler will not be drawn back into the drinking water system.

### **SO, WHAT IS A BACKFLOW PREVENTOR?**

A backflow preventer prevents your potable water system from getting contaminated. You can install it where your water main comes into the house. You would also need one if you have a sprinkler system between your branch off the main, and where your lines feed into the ground for your sprinklers. This is the best example of what it does. When potable water is pulled through your main line, (when you use your sink, toilet etc.) it can siphon water through one of your branch lines, (sprinkler system line). When the water is siphoned through it pulls whatever is in the line with it. In a sprinkler system whatever you use to improve your lawn can be siphoned through your potable water system through your open sprinkler heads (fertilizers, weed killer etc.). The backflow preventer prevents anything from getting through with a spring loaded valve. Basically, like a heart valve it lets the flow of pressure through one way and closes when there is back pressure.